

WHAT IS CLAIMED IS:

1. A cathode-ray tube apparatus comprising:  
an electron gun assembly having a plurality of  
electrodes constituting an electron beam generating  
section for generating electron beams and a main lens  
section for focusing the electron beams, which have  
been generated from the electron beam generating  
section, onto a phosphor screen;

a deflection yoke for generating deflection  
magnetic fields for deflecting the electron beams  
emitted from the electron gun assembly in a horizontal  
direction and a vertical direction of the phosphor  
screen, and causing the electron beams to scan the  
phosphor screen in the horizontal and vertical  
directions; and

velocity modulation coils for modulating scan  
velocities of the electron beams,

wherein at least one of the electrodes of the  
electron gun assembly is constructed by coupling at  
least first and second electrode members arranged in a  
direction of passing of the electron beams, and

the first electrode member has a projecting  
portion on an end face thereof, which is to be coupled  
to the second electrode member disposed adjacent to the  
first electrode member.

2. A cathode-ray tube apparatus according to  
claim 1, wherein said projecting portion is formed in a

region other than a region where a magnetic field generated from the velocity modulation coils acts on the electron beams.

5           3. A cathode-ray tube apparatus according to claim 1, wherein the first electrode member has electron beam passage holes for passing of the electron beams, and the projecting portion is formed such that when a maximum diametrical dimension of each electron beam passage hole in a horizontal direction including a  
10           center axis of the electron beam passage hole is set at 100%, the projecting portion is formed in a region other than a region corresponding to 50% of the maximum diametrical dimension, with the center of this 50% dimension being set at the center axis of the electron  
15           beam passage hole.

          4. A cathode-ray tube apparatus according to claim 1, wherein the second electrode member has a projecting portion on an end face thereof, which is to be coupled to the first electrode member, such that the  
20           projecting portion of the second electrode member corresponds to the projecting portion of the first electrode member.

          5. A cathode-ray tube apparatus according to claim 1, wherein the electrode constructed by coupling  
25           said at least first and second electrode members is the electrode constituting said main lens section.